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L40: Entry 4 of 7

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DERWENT-ACC-NO: 2002-091830

DERWENT-WEEK: 200213

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TITLE: Cosmetic and/or dermatological skin care composition for e.g. treating aging symptoms or acne contains extracts of Grifola frondosa having skin cell metabolism stimulant and antiinflammatory activity

INVENTOR: DANOUX, L; HENRY, F ; PAULY, G

PATENT-ASSIGNEE:

ASSIGNEE

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CODE

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PRIORITY-DATA: 2000EP-0440209 (July 6, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 1170015 A1	January 9, 2002	G	026	A61K035/84
WO 200202129 A1	January 10, 2002	G	000	A61K035/84

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI AU BR CN ID IN JP KR US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
EP 1170015A1	July 6, 2000	2000EP-0440209	
WO 200202129A1	June 27, 2001	2001WO-EP07335	

INT-CL (IPC): A61 K 7/48; A61 K 35/84; A61 P 17/00

ABSTRACTED-PUB-NO: EP 1170015A

BASIC-ABSTRACT:

NOVELTY - Extracts (I) of the Grifola frondosa fungus is useful in cosmetic and/or dermatological skin care compositions.

ACTIVITY - Dermatological; immunostimulant; antiinflammatory; antiseborrheic; vulnerary.

MECHANISM OF ACTION - Skin cell metabolism stimulant; collagen, elastin and proteoglycan synthesis stimulant; skin macromolecule proteolysis and glycation inhibitor; tyrosinase inhibitor; radical scavenger.

Addition of 0.003 wt. % of an extract obtained from Grifola frondosa with 96% aqueous ethanol to cultured human fibroblasts increased the protein content to 132% and the adenosine triphosphate content to 123% of that in controls.

USE - (I) is specifically used in protective and reconstructive care compositions for stimulating the metabolism of skin cells having skin revitalizing and reactivating

activity; for stimulating the immunological defense mechanisms of the skin; for stimulating the synthesis of skin macromolecules including collagen, elastin and proteoglycans; for reducing proteolysis and glycation of skin macromolecules; preventing or alleviating skin aging symptoms (especially those caused by UV radiation); as antiinflammatory care agent (especially for treating inflammation caused by UV radiation or skin contamination); treating bacterial or hormonal skin disorders such as acne; for promoting wound healing; in sunscreen compositions; or as tyrosinase inhibitors and/or skin whitening agents (all claimed).

ADVANTAGE - (I) has a broad spectrum of beneficial care and protective effects on the skin, is well tolerated, has high bioavailability and is stable (especially against oxidative decomposition). (I) is derived from a renewable source, i.e. the easily cultivated edible fungus *Grifola frondosa* ('maitake').

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: COSMETIC DERMATOLOGY SKIN CARE COMPOSITION TREAT SYMPTOM ACNE CONTAIN EXTRACT GRIFOLA FRONDOSA SKIN CELL METABOLISM STIMULATING ANTIINFLAMMATORY ACTIVE

DERWENT-CLASS: B04 D21 D22

CPI-CODES: B04-A10; B14-C03; B14-G01; B14-N17; B14-R01; D08-B09A1; D08-B09A3; D09-E01;

CHEMICAL-CODES:

Chemical Indexing M1 *01*

Fragmentation Code

M423 M431 M782 M905 P420 P434 P943 Q254

Specific Compounds

A00GTK A00GTT A00GTM

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2002-028580